

a1
against failure of a demarcation device and the failure of the customer-owned equipment attached to a service interface. Both service interfaces 203, 225 are activated for customer use but the ability to simultaneously use them will depend on the details of the routing protocol being used by the customer. Similarly the ability of the customer-owned equipment to detect a failure and start using a service interface on the other demarcation device will depend on the details of the routing protocol being used by the customer.

Please replace the paragraph on page 42, lines 7-15 with the following:

a2
In another situation co-location facility access is used as shown in Figs. 33 and 34. In some ways Co-location Facility Access is like multi-tenant access. However, the secure MAN service provider will have leased space in the facility in which the customer demarcation device is placed. The preferred configuration for a co-location facility is shown in Fig. 33. The demarcation device 320 is in the customer's rack 321 and dual connected back to different switches 322, 323 located in a secure MAN rack 324. These connections are effected by Gigabit Ethernet multi-mode fiber cross-connects. The customer-owned equipment connects to the demarcation device with the appropriate Ethernet cable. Additional customers may use the same co-location facility, as shown by demarcation device 326 in rack 325.

Please replace the paragraph on page 49, lines 1-5 with the following:

a3
For point-to-multipoint service, two or more service interfaces are associated. One of the service interfaces is designated as the Root while each remaining service interface is designated as a Leaf. The rules for delivery and discard for packets sourced at the Root are detailed in Table 8. The rules for delivery and discard for packets sourced at a Leaf are laid out in Table 9.

Please replace the paragraph on page 57, lines 3-7 with the following:

a4
If GVRP is not supported by a POP (and/or local/regional) switch, VLANs are con-figured manually on all switches and ports in the path between the endpoints of the virtual connection (including redundant paths). By "manual configuration," it is meant that